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PART IV-A

Rules and Orders (Other than those published in Parts I, I-A, and I-L) made
by the Government of Gujarat under the Central Acts

ENERGY & PETROCHEMICALS DEPARTMENT

NOTIFICATION

Sachivalaya, Gandhinagar, 18th September, 2023

No.GE-2023-(65)-EPCD/ELA/e-file/20/2023/1517/K : - Whereas Gujarat Energy Transmission Corporation Limited, Vadodara, has been declared as an State Transmission Utility (STU) vide EPD's Notification No.GHU-2004-GEB-1104-2964-K dated 29.5.2004,

- (2) And whereas in pursuance of the provisions under section 38 and 39(2) of the Electricity Act, 2003, GETCO, has been casted the responsibility of laying down such essential Transmission Network across the State for providing power to the consumers of the State, through Distribution Utilities under the State Government,
- (3) And whereas since the inception of the Electricity Act, 2003 with the previous approval accorded by Government, GETCO is to undertake some new Transmission networks including overhead lines as specified in Annexure-A attached herewith.
- (4) Now, therefore, Government is pleased to accord approval u/s 68(1) of the Electricity Act, 2003, to GETCO, an STU, for carrying out new and ongoing works as referred to, at item No.(3) above, subject to the compliance of provisions of the Electricity Act - 2003, work of Licensees Rules - 2006 and CEA (Measures relating to safety and Electrical Supply) Regulations, 2023, relevant provisions of the Indian Telegraph Act, 1855 as stipulated in the section 164 of the Electricity Act, 2003, the CEA (Safety requirements for construction, operation and Maintenance of Electrical Plants and Electrical Lines) Regulations, 2022 and provisions of the Works of Licensees Rules, 2006.
- (5) The approval of Government, as mentioned above, is subject to the condition that wherever necessary, GETCO would obtain necessary approvals / clearance from the concerned State Authorities including local authorities of the concerned area.

Annexure A

Sr. No.	Name of lines	S/C or D/C	Circle	Division	Approx. CKM.	Test charged/ Dt. of commissioning	Voltage Class
A	400 kV Line						
1	400 kV D/C Kalvad - Saurashtra (765kV) line with Twin AL-59 (equivalent to Zebra) conductor	D/C	Gondal	Rajkot	297.28	New	400kV
B	220 kV Line						
1	LILO of both circuits of 220kV D/C BECL - Botad line at 220kV Avaniya (Bhuteshwar) S/S with AL-59 (61/3.50) conductor and OPGW cable	D/C	Amreli	Amreli	49.194	New	220kV
2	220KV Kukma S/S to Kukma TSS (M/s Indian Railway) Line with 1C X 800Sq.mm. Al conductor, XLPE insulated (2+1) S/C U/G Power Cable For catering 1.0 MW EHT Power supply under LTOA at Village Kukma, Ta-Bhuj Kutch	S/C	Anjar	Anjar	3.5	New	220kV
3	LILO to Suva Line from 220kv Haldarwa -IPCL line	D/C	Bharuch	Bharuch	0.554	New	220kV
C	132 kV Line						
1	LILO to 132kV Padavala S/s from Existing 132kV Vikram - Gondal line on 220kV MC+DC tower with ACSR Panther conductor	D/C	Gondal	Rajkot	2.03	New	132kV
2	Erection and laying of 132kV D/C Karamsad to Gothaj Western Railway TSS line from 220kV Karamsad S/s to Western Railway SS partly on Panther tower with ACSR Panther conductor & earth wire (Length -30.4KM) and partly with 800 sq.mm. (3+3) XLPE Al. UG cable line having route length 0.450 KM under deposit scheme. (Total route length – 30.850 KM)	D/C	Nadiad	Nadiad	61.7	New	132kV
D	66 kV Line						
1	LILO to Proposed 66kV Thaliya S/S from existing 66kV Thadach - Bagdana H-frame line on D/C tower ACSR Panther conductor	D/C	Amreli	Amreli	7.78	New	66 kV
2	LILO to Proposed 66kV Morzar S/S from existing 66kV Dhari - Hudli line on tower ACSR Panther conductor	D/C	Amreli	Amreli	0.64	New	66 kV
3	LILO to Proposed 66kV Lakhanka S/S from existing 66kV Gadhada - Kalatalav H-frame line on D/C tower ACSR Panther conductor	D/C	Amreli	Amreli	0.48	New	66 kV
4	66kV S/C line from existing 66kV Mangadh S/S to proposed 66kV Sukhpar S/S on tower ACSR Panther conductor	S/C	Amreli	Amreli	7.3	New	66 kV

Sr. No.	Name of lines	S/C or D/C	Circle	Division	Approx. CKM.	Test charged/ Dt. of commissioning	Voltage Class
5	66kV LILO to proposed 66kV Goradka (Jabal) S/S from existing 66kV Savarkundla - Ambardi line partly on tower with ACSR Dog conductor and partly with 630 sq. mm. (6+1) UG Cable	D/C	Amreli	Amreli	20.53	New	66 kV
6	66 kV Jamthada ss to 66 kV Nani Virani (Gadh) ss line on panther tower with ACSR panther conductor	S/C	Anjar	Anjar	11.1	New	66 kV
7	66 KV S/C line from 66 kV Deshalpar S/S to 220kV (66 kV) Angiya S/S on D/C panther tower with ACSR panther conductor having under Kisan Suryodaya Yojna	S/C	Anjar	Anjar	27	New	66 kV
8	66kV S/C line from 66kV Shah S/S to 66kV Vashravi S/S on D/C panther tower with ACSR Panther conductor having total line length: 5.57RkM.	S/C	Bharuch	Bharuch	5.57	New	66 kV
9	132kV D/C line from 132kV Bharuch S/S to Ankleshwar TSS (WR) on OH Tower line with ACSR Panther conductor (5.150RkM) and partially with UG cable (4.350RkM) having total line length: 9.5RkM.	D/C	Bharuch	Bharuch	19	New	66 kV
10	66kv LILO at Pro.66kv Lavari SS from Exi.66kv Talod-Ranasan line	D/C	Himatnagar	Himatnagar	6.214	New	66 kV
11	66kv LILO to Proposed 66kv Khijad S/s line from 66kv Kalyanpur - Gadhaka line on D/C Panther tower with ACSR Panther Conductor	D/C	Jamnagar	Jamnagar	0.8	New	66 kV
12	66kv LILO to Proposed 66kv Makanpur S/s from 66kv Varvala - Arambhada line partly on tower with ACSR Panther conductor and partly with 630 sqmm (6+1) underground Cable.	D/C	Jamnagar	Jamnagar	5.896	New	66 kV
13	66kv D/C line from existing 66kv Arambhada S/s to Proposed 66kv Okha S/s with 630 Sq. mm (6+1) underground Cable.	D/C	Jamnagar	Jamnagar	16	New	66 kV
14	Dog to Panther conversion of Exist. 66kV Vav-Kadodara Line no. 3 (D to P, S/C to D/C) and Erection of 66kV Vav-Kadodara line no. 4 on same tower with ACSR Panther conductor having total length of OH line 6.5 km and Under ground cable line with 66kV, 630 sq mm, 2 X(3+1) UG cable line having UG cable length 2.74 km. Total Length of line (6.5 + 2.74)= 9.24 km.	D/C	Navsari	Navsari	18.48	New	66 kV

Sr. No.	Name of lines	S/C or D/C	Circle	Division	Approx. CKM.	Test charged/ Dt. of commissioning	Voltage Class
15	Dog to Panther conversion of exist. 66kV Bardoli-Jolwa Line (D to P, S/C to D/C) having total length of line 8.872 km	S/C	Navsari	Navsari	8.872	New	66 kV
16	Dog to panther conversion of existing Bardoli Jolwa tap palsana line(Tap Portion) by Hot line stringing work having length of line 5.9 km	S/C	Navsari	Navsari	5.9	New	66 kV
17	Dog to Panther conversion of exist. 66kV Bardoli-Afwa-Manekpore - Valod line(OH-19.2 km , UGC-1.82 km)	S/C	Navsari	Navsari	21.02	New	66 kV
18	Dog to Panther conversion of exist. 66kV Vav-Deladva line (OH-10.289 km , UGC-0.450 km)	S/C	Navsari	Navsari	10.739	New	67 kV
19	Dog to Panther conversion of exist. 66kV D/C Navsari-Gandevi & Navsari-Gadat-Bilimora line having total length of line 26.0 km(D to P, D/C to D/C)	D/C	Navsari	Navsari	52	New	66KV
20	66KV D/C LILO line at 66KV Bhadath S/S from Proposed 66KV LILO Ranpur line (under KSY scheme) on D/C Tower with ACSR Panther Conductor under Project work.	D/C	Palanpur	Deesa	5.394	New	66KV
21	66KV D/C LILO line at 66KV Malupur S/S from existing 66KV Tharad-Jetda line on D/C Tower with ACSR Panther Conductor under Project work.	D/C	Palanpur	Deesa	0.2	New	66KV
22	66kV LILO line at Proposed 66kV Dediyaan SS from Existing H-frame Viramgam-New Mandal line with ACSR Panther Conductor Approx. Length 0.61 KM	D/C	Surendranagar	Limbdi	0.61	New	66KV
23	66kV LILO line at Proposed 66kV Shahpur SS from Existing H-frame Thori Mubarak-Rojasan-Daduka line with ACSR Panther Conductor Approx. Length 0.42 KM	D/C	Surendranagar	Limbdi	0.42	New	66KV
24	66kV LILO to proposed 66kV Gopalpura ss from 66kV Rustampura - Sankheda line with ACSR Panther Conductor on D/C Panther tower having total line route length of 12.09 Rkm	D/C	Jambuva	Jambuva	24.18	New	66KV
25	66kV LILO to proposed 66kV Kundhela S/s from 66kV Jambuva B - Karvan Line with ACSR Panther Conductor on D/C Panther Tower and H - Frame structure having total line route of 10.449 Rkm	D/C	Jambuva	Jambuva	20.898	New	66KV

Sr. No.	Name of lines	S/C or D/C	Circle	Division	Approx. CKM.	Test charged/ Dt. of commissioning	Voltage Class
26	66kV D/C Gotri - Salatwada line for new 66kV Salatwada substation(ND scheme) with 1Cx630sq.mm(6+1) XLPE UG cable having length 6.100RkM & partly O/H on D/C tower with ACSR Panther conductor having length 0.200RkM from existing 220kV Gotri substation (Toatl length = 6.300RkM)	D/C	Jambuva	Jambuva	12.6	New	66KV
27	LILO to Proposed 66kV Chhapara S/S from existing 66kv S/C Nyara(220kV)-Nagarpipaliya line partly on tower with ACSR Dog conductor, and partly with 630 Sq.mm. (3+1) UG cable.	S/C	Gondal	Rajkot	0.7	New	66KV
28	LILO to proposed 66kV Kanesara S/S from existing 66kV S/C Kothi - Bhandariya line on tower with ACSR Panther conductor.	D/C	Gondal	Rajkot	3.5	New	66KV
29	Erection of 66kV D/C from proposed 66kV Makhavad S/S to proposed 66kV Rib S/S partly on M/C tower with ACSR panther conductor and partly with 630 Sq.mm. (6+1) UG cable	D/C	Gondal	Rajkot	17	New	66KV
30	LILO to 66kV Vajepar S/S from existing 66kV Morbi (220kV) - Morbi-B line on MC+DC tower with ACSR Panther conductor	D/C	Gondal	Rajkot	0.3	New	66KV
31	Construction of new 66kV D/C line from existing 220kV Keshod S/s to proposed 66kV Maliya Hatina - TSS of Western Railway, on D/C tower with ACSR Panther conductor (2-Phase) and partly by laying of 66kV, 630 Sq.mm. 2X(2+1), underground cable, having total length of (OH-17.444 Km. + UG-3.100 Km.) 20.544 Rkm., approved under LTOA, deposit work Option-2.	D/C	Junagadh	Junagadh	41.088	New	66KV
32	Construction of new 66kV S/C line from existing 66kV Dhareshwar S/s to proposed 66kV Jetalsar-TSS of Western Railway, by laying of 66kV, 630 Sq.mm. (2+1), underground cable and partly on D/C tower with ACSR Panther conductor (2-Phase), having total length of (UG-9.100 Km + OH-0.251 Km.) 9.351 RKm., approved under LTOA, deposit work Option-2.	S/C	Junagadh	Junagadh	9.351	New	66KV

Sr. No.	Name of lines	S/C or D/C	Circle	Division	Approx. CKM.	Test charged/ Dt. of commissioning	Voltage Class
33	66kv LILO to proposed 66kv Devpura ss from Existing 66kv Dunawada - Gunthawada solar line-1 on D/C Panther tower with ACSR Dog conductor heving Totat length - 1.388 RKM.	D/c	Mehsana	Mehsana	2.776	New	66KV

Abbreviation

D/C

Double Circuit

S/C

Single Circuit

M/C

Multi Circuit

UG Cable

Under Ground Cable

WIP

Work in progress

O/H

Over head

By order and in the name of the Governor of Gujarat,

DIPESH RAJ,

Under Secretary to Government.

